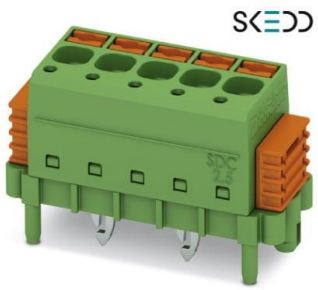
INDUSTRIAL COMPONENT DATA

SDC 2,5/ 3-PV-5,0-ZB 1864040 PHOENIX CONTACT Direct connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: SDC 2,5/ 3-PV-5,0-ZB



Manufacturer	PHOENIX CONTACT
MPN / Reference	SDC 2,5/ 3-PV-5,0-ZB
Catalog number	1864040
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-323C2F8B97
Generated	2026-11-19

Product Overview

Direct connector
Direct connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: SDC 2.5/.. -PV, pitch: 5 mm, connection type: Push-in spring connection, mounting: SKEDD - Direct connection system, conductor connection direction/printed circuit board: 90 °, pin arrangement: Zigzag pins W, pin length [P]: 4.7 mm, plug-in system: SKEDD, lock: Snap lock, fixing type: Snap flange, packing type: boxed

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > PCB Connectors (PCC)

Additional Product Information

Key Commercial Data
Orderkey 1864040
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
GTIN 4055626210346
Weight per Piece (excluding packing) 4.620 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions

Length [l] 15.3 mm
Width [w] 23.18 mm
Height [h] 21.2 mm
Pitch 5 mm
Dimension a 10 mm
General
Range of articles SDC 2,5/..-PV
Number of positions 3
Connection method Push-in spring connection
Rated surge voltage (III/3) 4 kV
Rated surge voltage (III/2) 4 kV
Rated surge voltage (II/2) 4 kV
Rated voltage (III/3) 200 V
Rated voltage (III/2) 320 V
Rated voltage (II/2) 320 V
Connection in acc. with standard EN-VDE
Nominal current IN 12 A
Nominal cross section 2.5 mm²
Stripping length 10 mm
Connection data
Conductor cross section solid min. 0.2 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 12
Standards and Regulations
Connection in acc. with standard EN-VDE
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / SDC 2,5/ 3-PV-5,0-ZB with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.